

14
AUG 5 1983

Mr. Bill Boyd
Plant Manager
Vulcan Materials Company
Chemicals Division
P.O. Box 12283
Wichita, Kansas 67277

30299038



Superfund

Dear Mr. Boyd:

Information available to the Environmental Protection Agency (EPA) indicates that production, storage, and disposal of hazardous wastes and substances at the Vulcan Materials Company (VMC) facility near Wichita, Kansas has adversely affected the groundwater quality of the area. Additional information is needed to determine the sources, types, and extent of contamination, and the adequacy of present monitoring and remedial measures to control or prevent the migration of contaminants off-site. The information requested includes information generated by VMC and information generated by any and all predecessors of VMC that manufactured products or disposed of wastes onsite.

This request is made pursuant to the authority of Section 3007 of the Resource Conservation and Recovery Act (RCRA), 42 U.S.C. 6927 (as amended), and Section 104(c) of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), 42 U.S.C. 9604, 1980. You are hereby requested to provide to the EPA information we deem pertinent to this investigation. This information shall include but not be limited to those items listed below.

1. Reports prepared by Vulcan or Vulcan's consultants including:

a.) Waste Management Control Program, Groundwater Management Plan: Wilson and Company, May 23, 1978,

b.) Evaluation of the Groundwater Management Plan at Vulcan Materials Company; G.R. Meyer and J.E. Coon, November, 1980,

c.) Groundwater Management Plans: T.A. Prickett and Associates, November, 1981, and March, 1982,

d.) Groundwater Assessment of Vulcan Materials as required by RCRA: G.R. Meyer, 1981,

e.) Yearly Groundwater Management Status Reports,

ARWM:WMBR:SPFD:SVINGEN/CRAWFORD:x6864:7/15/83:disk 3-1, TAT-17-F-00030

SPFD
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WAGONER
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151 MK
8/5/83

f.) Groundwater Hydrology Study of an Area Southwest of Wichita, Kansas: C. Nuzman, Layne-Western Company, Inc., 1971,

g.) Groundwater Survey Preliminary Report, 1977,

h.) Waste Management Control Plan for the Wichita Plant: Vulcan Materials Company, Chemical Division, 1976,

i.) Reports of geological and hydrogeological investigations conducted by Vulcan Materials Company or their consultants, including reports authored by Wilson and Company, Nuzman, Fent, Prickett, Harrison, and Meyer,

j.) Other reports describing the geology and hydrogeology of the area influenced or affected by activities at the Vulcan facility, the sources of wastes, types of wastes, waste characteristics, waste volumes, methods and locations of disposal, disposal facility specifications and characteristics, time frames of waste disposal activities, water quality, health effects on area residents due to contamination, monitoring and remedial actions, waste containment plan and waste containment plan effectiveness, time frames of monitoring and remedial actions, and modeling studies.

2. Information including memorandums on wastes disposed on-site and disposal facilities not included in the above reports. Wastes addressed should include but not be limited to HCB, BHC, PCP, brine wastes, PCBs and solvents. This information may include:

a.) Map showing locations of waste disposal facilities,

b.) As-built construction details of disposal facilities,

c.) Volumes and types of wastes disposed, locations of disposal and the physical and chemical characteristics of the wastes disposed,

d.) Current waste disposal practices,

e.) Current maintenance,

f.) Current and post-closure monitoring of facilities,

g.) Analytical data on hazardous substances disposed on-site including EP toxicity and concentrations,

h.) Dates or time periods of various disposal methods and locations,

3. Information on the geology and hydrogeology of the site and area not included in the above reports. This information may include:

a.) Test hole boring logs and locations,

b.) Logs, construction details and locations of monitoring, interceptor and disposal wells,

c.) Map showing locations of borings and wells,

d.) Geotechnical test results from soil samples taken from well borings,

e.) Groundwater level elevation information from monitoring wells, withdrawal wells and other monitoring points,

f.) Aerial photographs of the area,

g.) Soil quality analysis data,

h.) Time of activities and volumes pumped from withdrawal wells,

i.) Results of geological and hydrogeological modeling,

j.) Waste containment and waste containment effectiveness.

4. Information on water quality and control measures not included in the above reports. This information may include:

a.) Water quality analysis data obtained from samples collected at monitoring wells, withdrawal wells, private wells, surface water sampling points, (including nearby streams), and other monitoring points,

b.) Methods of sample acquisition and handling,

c.) Information about the fate or extent of off-site migration of contaminants,

d.) Information about seasonal variations or long-term trends in the concentrations of contaminants in groundwater at the site,

e.) Information on health effects due to contamination on area residents.

5. Information specifically related to the production, storage, treatment and disposal of materials potentially containing dioxin compounds. This information should include but not be limited to:

a.) Whether or not wastes potentially containing dioxin have been generated at the VMC, Wichita facility. If they have, the following points to address are:

1.) Volumes of potential dioxin and/or dioxin-contaminated wastes produced,

2.) Volumes and types of potential dioxin and/or potential dioxin-contaminated wastes disposed on-site and locations disposed,

3.) Volume and types of potential dioxin and/or potential dioxin-contaminated wastes disposed off-site and locations disposed,

4.) Time frame or dates of potential dioxin and/or potential dioxin-contaminated waste disposal.

VMC may, if it desires, assert a business confidentiality claim covering part of all of the information submitted. Such a claim may be made by placing on (or attaching to) the information, at the time of its submittal to EPA, a cover sheet, stamped or printed legend, or other suitable form of notice employing language such as "trade secret", "proprietary", or "company confidential". Allegedly confidential portions of otherwise non-confidential documents should be clearly identified and may be submitted separately to facilitate identification and handling by EPA. If confidential treatment is sought only until a certain date or until the occurrence of a certain event, the request should so state.

Information submitted for which a claim of confidentiality is made will be disclosed by EPA only to the extent and by the means authorized by the procedures specified in 40 C.F.R. Part 2, Subpart B, (41 FR 36902, September 1, 1976, as amended and 43 FR 40003, September 8, 1978). If no such claim is made when information is provided to EPA, the information may be made available to the public without further notice. Applicable regulations are found in 40 C.F.R. Part 2, Subpart B, referenced above.

You are requested to submit this information to the member of my staff assigned to this matter, David Crawford, within 30 working days of receipt of this letter. If you have any questions regarding this request, contact Mr. Crawford at (816) 374-2186. Your cooperation is appreciated.

Sincerely yours,

Morris Kay
Regional Administrator

cc: Howard Duncan, KDHE
Bill Bryson, KDHE